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Substitute for Form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/024,579
(use as many sheets as necessary)		Filing Date	Dec 18, 2001
		First Named Inventor	Friddle
		Group Art Unit	1653 /647
		Examiner Name	Not Yet Assigned Hayes
Sheet	1	of	3
		Attorney Docket Number	
		LEX-0274-USA	

APR 23 2002

APR 3 2002 APR 23 2002

Examiner Signature	R. Vaughn	Date Considered	6/23/04
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Substitute for form 1449B/PTO				Complete if Known	
				Application Number	10/024,579
				Filing Date	Dec 18, 2001
				First Named Inventor	Friddle
				Group Ad Unit	1653
				Examiner Name	Not Yet Assigned
Sheet 100	1	of	3	Attorney Docket Number	LEX-0274-USA

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Initials RCH	Cite BADE MAYER	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
AZ	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242 423-426.				
BA	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.				
BB	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.				
BC	Gautier et al, 1987, "α-DNA IV: α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazoloypyridocarbazole. Synthesis, physiochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.				
BD	Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229.				
BE	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.				
BF	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.				
BG	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.				
BH	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.				
BI	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and R Nase H", FEBS Letters 215(2):327-330.				
BJ	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.				
BK	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.				
BL	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.				
BM	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.				
BN	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.				
BO	Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.				
BP	Lo, 1983, "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814.				
BQ	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.				
BR	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.				
BS	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.				
BT	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.				
BU	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.				
BV	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.				
BW	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.				

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Substitute for form 1449B/PTO				Complete if Known	
				Application Number	10/024,579
				Filing Date	Dec 18, 2001
				First Named Inventor	Fridle
				Group Art Unit	1650-1647
				Examiner Name	Not Yet Assigned Mayer
Sheet	3	of	3	Attorney Docket Number	LEX-0274-USA

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
RCW	BX	Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.
	BY	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.
	BZ	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.
	CA	Smith et al, 1983, "Molecular Engineering of the <i>Autographa californica</i> Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.
	CB	Stein et al, 1988, "Physiochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.
	CC	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.
	CD	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.
	CE	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.
	CF	Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.
	CG	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in <i>Escherichia coli</i> ", J. Biol. Chemistry 264(10):5503-5509.
	CH	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ", Nature 341:544-546.
	CI	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.
↓	CJ	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.

Examiner Signature		Date Considered	6/23/04
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		Application Number	10/024,579
		Filing Date	December 18, 2001
		First Named Inventor	Friddle
		Group Art Unit	1653-1647
		Examiner Name	Not Yet Assigned Hayes
Shee	1 (use as many sheets as necessary)	of	1
		Attorney Docket Number	LEX-0274-USA TECH CENTER 1600/2000

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U.S. PATENT DOCUMENTS						
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RCH	CK	ANSORGE et al., DATABASE EMBL Online! Hypothetical protein fragment, 1 October 2002, ANSORGE: retrieved from EBI Database accession no. Q8N3Q9, XP002226908.				
<i>unsearched based on previous provided evidence</i>	GL	DATABASE EMBL Online! Human P450 clone from Zp112-q11.2, 29 November 1999, retrieved from EBI Database accession no. AC0066001, XP002226909. —no author, no sequence, no sequence comparison				
RCH	CM	DATABASE EMBL Online! human ion voltage channel, 1 April 1990, "Potassium voltage-gated channel subfamily E member 1", retrieved from EBI Database accession no. P15382, XP002227965				
<i>Inappropriate citation</i>	CN	International Search Report ~ no individual references provided				

Examiner Signature	<i>R Hayes</i>	Date Considered	<i>6/23/04</i>
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